

Review of the PM2.5 Ambient Monitoring Assistance Agreement
PA Department of Environmental Protection
EPA Region III, Air Protection Division Advanced Monitoring under the "Particulate Matter 2.5 Monitoring Program"

*As required by the Environmental Protection Agency 's (EPAs) policy on post award management of assistance agreements, the EPA region III Air completed a review on the status of the grantee's performance in meeting the grant commitments found in the application's workplan. The grant cc 04/01/2016 to 03/31/2019. EPA project officer, Jennifer Kissel, completed this review on-site on 7/18/17.*

<b>Part. 1 Introduction, Background &amp; Methodology</b>
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<b>Recipient:</b>	PA Department of Environmental Protection		
<b>Grant Number:</b>	PM-97310504		
<b>EPA Project Officer:</b>	Jennifer Kissel	<b>Award Amount:</b>	
<b>EPA Technical Lead:</b>	Lori Hyden	<b>Match Amount:</b>	
		<b>Total Award:</b>	
<b>Project Period Begin:</b>	4/1/16		
<b>Project Period End:</b>	3/31/19		
<b>Budget Period Begin:</b>	4/1/16		
<b>Budget Period End:</b>	3/31/19		
<b>Date of Review</b>	7/18/2017	<b>Date of Report</b>	7/20/17
		<b>Type</b>	

## Brief Description of Project

The goal of PA DEP's Particulate Matter 2.5 (PM 2.5) Monitoring Program is to provide ambient data that support National Air Quality Programs, in and chemically resolved, or speciated data. Data from this program will be used for the PM 2.5 National Ambient Air Quality Standards (NAAQS) and tracking of implementation plans, assessments for regional haze and assistance for studies of health effects, and other ambient aerosol research.

## Outline of Workplan Commitments/Tasks

*The recipient prepared a work plan which outlines the project objective. In order to achieve this objective, the recipient identified the following tasks:*

Task 1

Submit PM2.5 data to AQS quarterly, as required by 40 CFR Part 58, in particular 58.16 (SLAMS data submittal) and Appendix A (Section 3, Measurement Quality Check Requirements.)

Task 2

Data shall be collected from PM2.5 monitors, operated in accordance with 40 CFR Part 58.12 and Appendices A, D and E.

Task 3

Submit annual network plans, in accordance with 40 CFR part 58.10, annually on July 1st.

Task 4

Provide Certification of PM2.5 data, per requirements in 40 CFR Part 58.15. Certification packages are due to the Regional Office annually on May 1st.

Task 5

Operate 7 Chemical Speciation network site in accordance with applicable guidance and operating procedures.

Task 6

Report to public, on a daily basis, an AQI for PM2.5, per 40 CFR Part 58.50 and Appendix G.

Task 7

Provide, or identify source of PM2.5 speciation Data Quality Assessment reports annually by August 31.

## 1. Workplan

### Accomplishments and Progress

*List workplan/application tasks as outlined in section 1, compare to actual work progress, and identify areas of concern. Provide a status:*

Task	Status	Comments
Submit PM2.5 data to AQS quarterly, as required by 40 CFR Part 58, in particular 58.16 (SLAMS data submittal) and Appendix A (Section 3, Measurement Quality Check Requirements.)	On target	Quarter 1 data complete
Data shall be collected from PM2.5 monitors, operated in accordance with 40 CFR Part 58.12 and Appendices A, D and E.	On target	
Submit annual network plans, in accordance with 40 CFR part 58.10, annually on July 1st.	Progress delayed - report expected in August	Currently out for comment
Provide Certification of PM2.5 data, per requirements in 40 CFR Part 58.15. Certification packages are due to the Regional Office annually on May 1st.	On target	2016
Operate 7 Chemical Speciation network site in accordance with applicable guidance and operating procedures.	On target	

Report to public, on a daily basis, an AQI for PM2.5, per 40 CFR Part 58.50 and Appendix G.	On target	Rep
Provide, or identify source of PM2.5 speciation Data Quality Assessment reports annually by August 31.	Progress delayed - report expected in August	Working on last year

## 2. Equipment

1. Did the recipient purchase equipment as planned in the agreement and was it used as planned?

<b>Comments:</b>	yes
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2. Are there any equipment costs not included in the original award?

<b>Comments:</b>	yes
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## 3. Finances and Available Funding

Amount of EPA funds awarded	1,229,505
Amount of EPA funds paid	1,229,505
Remaining Balance	414304.33
Is the payment history consistent with the progress to date?	Yes
Explain if No-	
Is there sufficient funding to complete the project?	Yes
Explain if No-	

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#### **4. Programmatic Terms and Conditions**

*Are the programmatic terms and conditions of the grant being met?*

*All programmatic terms and conditions of the grant have been met.*

#### **5. Programmatic Statutory and Regulatory Requirements**

*Are the statutory programmatic terms and conditions of the grant being met?*

*All programmatic terms and conditions of the grant have been met.*

#### **6. Project Officer Suggestions and Recommendations:**

EPA requests that PA DEP submits the semi annual network plan and the PM2.5 speciation reports for 2015 and 2016.

## 7. Recipient Recommendations and Suggestions

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### Part III. Resolution and Timing

*Tell the recipient when the corrective action plan is due (if any) and where to send it.*

EPA has no corrective actions at this time.

### Part IV. EPA Contact Information

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### Part V. Grantee Contact Information

Name:	John Krueger
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Protection Division (APD)  
overs project period


3,329,523
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3,329,523

on-site	desk
	desk

including both mass measurement comparisons, development and activities.

*specific tasks in the work plan:*

Measurement Quality Check

y 1.

*summary of each task and current*

ated, second quarter will be ready by the due date.

Operating

omment - should be submitted by September

data by May 1, 2017

Operating

orting to the public  
's report and are in progress on this  
year's report.





